Swank HealthCare Internet Streaming Requirements and Infrastructure Impact

Swank HealthCare makes available its courses online to our subscribers. Certain specifications are required to view these courses online.

Definitions of connection terms.

A Network Connection
is defined as being any computer that accesses the Internet through it's own computer network; without the use of a modem; typical connections are defined as ISDN, T1, or a T3. These are high bandwidth, high speed connections that can handle large amounts of data at one time.

A Modem Connection
is defined as any computer that is accessing the internet through it's own modem connected to a phone line; typical download speeds are 28.8k, 33.6k and 56k. These are low bandwidth connections and cannot handle large amounts of data at one time.

Connection thruput in the available formats

Windows Media:

12 sec buffered play thru "http" protocol
largest file size: network: 120mb   modem: 25mb
encoded thruput: network: 117kps   modem: 22kps

Quicktime:

Autoplay buffered play thru "http" protocol (media file downloads into cache on client workstation)
largest file size: network: 90mb   modem: 20mb
encoded thruput: network: 20kps   modem: 14kps

RealVideo:

6 sec realtime Streaming play thru "rtsp" protocol
largest file size: network: 156mb   modem: 45mb
encoded thruput: network: 65kps   modem: 29kps

Listed below are the minimal and recommended requirements for accessing the programs online.

Recommended system
• PC Computer, Pentium III 400 mhz; Windows 98; 128mg RAM; 4gig Hard Drive; Sound Card & speakers; 24bit color display
• Macintosh Computer, G3 300 mhz; Mac OS 9.2.2; 128mg RAM; 4gig Hard Drive
• Connection to Internet; T1 Network Connection
• Internet Browser; Internet Explorer 5.2; Netscape Communicator 4.7
• Either Windows Media, Quicktime 6 or RealVideo G2 Software installed

Minimal system
• PC Computer, Pentium III 400 mhz; Windows 95; 64mg RAM; 1gig Hard Drive; Sound Card & speakers; 16bit color display
• Macintosh Computer, G3 200 mhz; Mac OS 7.6.1; 32mg RAM; 1gig Hard Drive
• Connection to Internet; 56k modem
• Internet Browser; Internet Explorer 3.0 or higher; Netscape Communicator 3.0 or higher
• Either Windows Media Quicktime 3 or RealVideo G2 Software installed